

L Number	Hits	Search Text	DB	Time stamp
-	2	20030004103.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:36
-	1	200247711.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:36
-	2	20020028772.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:36
-	1	1343876.did. and metabolism	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:37
-	2	9853050.did. and peptide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/23 06:38
-	8	"HJ loop" and modulate and "serine/threonine kinase"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:36
-	7	"HJ loop" and modulating and "serine/threonine kinase" and method	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:37
-	7	"HJ loop" and modulate and "serine/threonine kinase" and method	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:37
-	17	"HJ loop" and modulate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:38
-	18	"HJ loop"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:46
-	1485	"serine/threonine kinase"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:41
-	454	"serine/threonine kinase" and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:41
-	9	"serine/threonine kinase" and "HJ" and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:42
-	11598	modulation and kinase	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:46
-	1537	modulation SAME kinase	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:46
-	19	modulation SAME kinase SAME loop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:52
-	0	"Val-Met-Thr-Gly-Glu-Leu-Pro-Phe"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:52

-	21789	Val and Met and Thr and Gly and Glu and Leu and Pro and Phe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:53
-	19600	Val SAME Met SAME Thr SAME Gly SAME Glu SAME Leu SAME Pro SAME Phe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:54
-	0	"V-M-T-G-Q-L-P-F"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/11/03 02:55

Welcome to DialogClassic Web(tm)

Narenta

Search

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Dialog level 03.04.00D
Last logoff: 03nov03 04:02:32
Logon file405 15nov03 07:05:47

*** ANNOUNCEMENT ***

--File 654 - US published applications from March 15, 2001 to the present are now online. Please see HELP NEWS 654 for details.

--File 581 - The 2003 annual reload of Population Demographics is complete. Please see Help News581 for details.

--File 990 - NewsRoom now contains February 2003 to current records.
File 992 - NewsRoom 2003 archive has been newly created and contains records from January 2003. The oldest months's records roll out of File 990 and into File 992 on the first weekend of each month.
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new OneSearch category.

--Connect Time joins DialUnits as pricing options on Dialog.
See HELP CONNECT for information.

*** --SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

--Important news for public and academic libraries. See HELP LIBRARY for more information.

--Important Notice to Freelance Authors--
See HELP FREELANCE for more information

NEW FILES RELEASED

***Emergency Room (File 454), Hospital Inpatient Profiles (File 462),
and Hospital Outpatient Profiles (File 463)
***World News Connection (File 985)
***Dialog NewsRoom - 2003 Archive (File 992)
***TRADEMARKSCAN-Czech Republic (File 680)
***TRADEMARKSCAN-Hungary (File 681)
***TRADEMARKSCAN-Poland (File 682)

UPDATING RESUMED

RELOADED

***Population Demographics -(File 581)
***CLAIMS Citation (Files 220-222)

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

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B 155, 73, 344, 358, 65, 35

15nov03 07:06:27 User268152 Session D31.1

\$0.00 0.227 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.15 INTERNET

\$0.15 Estimated cost this search

\$0.15 Estimated total session cost 0.227 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2003/Nov W2

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***File 155: On 13 November, Medline will temporarily stop updating with Completed records. Please see HELP NEWS 154 for details.**

File 73:EMBASE 1974-2003/Nov W2

(c) 2003 Elsevier Science B.V.

File 344:Chinese Patents Abs Aug 1985-2003/Apr

(c) 2003 European Patent Office

File 358:Current BioTech Abs 1983-2003/Oct

(c) 2003 DECHEMA

File 65:Inside Conferences 1993-2003/Nov W2

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File 35:Dissertation Abs Online 1861-2003/Oct

(c) 2003 ProQuest Info&Learning

Set	Items	Description
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S AU=((BEN-SASSON, A?) OR (BEN-SASSON S?))

0 AU=BEN-SASSON, A?

153 AU=BEN-SASSON S?

S1 153 AU=((BEN-SASSON, A?) OR (BEN-SASSON S?))

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S S1 AND "HJ LOOP"

153 S1

0 HJ LOOP

S2 0 S1 AND "HJ LOOP"

?

S S1 AND "HJ"

153 S1

283 HJ

S3 0 S1 AND "HJ"

?

S S1 AND "SERINE/THREONINE"

153 S1

0 SERINE/THREONINE

S4 0 S1 AND "SERINE/THREONINE"

?

S S1 AND "KINASE"

153 S1

367898 KINASE

S5 7 S1 AND "KINASE"

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S S5 AND MODULATING

7 S5

46175 MODULATING

S6 0 S5 AND MODULATING

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S S5 AND PEPTIDE

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7 S5
467014 PEPTIDE
S7 2 S5 AND PEPTIDE
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TS2/3,AB/1-2
>>>No matching display code(s) found in file(s): 65
>>>Item 1 is not within valid item range for file 35
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TS7/3,ALL/1-2
>>>'ALL' not allowed as format type
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T S7/3,AB/1-2
>>>No matching display code(s) found in file(s): 65
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7/3,AB/1 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

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15524478 22840662 PMID: 12763936

Induction of pro-angiogenic signaling by a synthetic peptide derived from the second intracellular loop of S1P3 (EDG3).

Licht Tamar; Tsirulnikov Lilia; Reuveni Hadas; Yarnitzky Talia; Ben-Sasson Shmuel A

Keryx Biopharmaceuticals, Jerusalem, Israel.

Blood (United States) 05 22 2003, 102 (6) p2099-107, ISSN 0006-4971

Journal Code: 7603509

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

The G-protein-coupled receptors of the endothelial differentiation gene (EDG) family mediate pro-angiogenic activities, such as endothelial cell proliferation, chemotaxis, and vessel morphogenesis. We synthesized and tested the effects of a 9-amino acid peptide (KRX-725), derived from the second intracellular loop of S1P3 (EDG3). KRX-725 mimics the effects of sphingosine 1-phosphate (S1P), the natural ligand of S1P3, by triggering a Gi-dependent MEK-ERK (mitogen-activated protein kinase kinase and extracellular signal-regulated kinase) signal transduction pathway. Using aortic rings as an ex vivo model of angiogenesis, vascular sprouting was assessed in the presence of KRX-725 or S1P. KRX-725 induced extensive and dense vascular sprouts, which contain an elaborated organization of endothelial and smooth muscle layers, including lumen formation. When KRX-725 or S1P was combined with proangiogenic factors, such as basic fibroblast growth factor (bFGF), stem cell factor, or vascular endothelial growth factor, the effect was synergistic, leading to further enhancement of vascular sprouting. KRX-725 also initiated neovascularization in a mouse corneal pocket assay in vivo and showed synergism with bFGF. The specificity of KRX-725 was demonstrated via peptide-induced receptor internalization of S1P3 but not S1P1. The ability of a short peptide to stimulate extensive angiogenesis and to synergize with pro-angiogenic factors suggests that KRX-725 may serve as a useful agent in treating pathologic conditions such as peripheral vascular disease, cardiac ischemia, or tissue grafts.

7/3,AB/2 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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12265714 EMBASE No: 2003375236

Induction of pro-angiogenic signaling by a synthetic peptide derived from the second intracellular loop of S1PSUB3 (EDG3)

Licht T.; Tsirulnikov L.; Reuveni H.; Yarnitzky T.; Ben-Sasson S.A.

S.A. Ben-Sasson, Dept. of Exp. Med./Cancer Research, Hebrew

Univ.-Hadassah Medical School, POB 12272, Jerusalem Israel
 AUTHOR EMAIL: muli@md.huji.ac.il
 Blood (BLOOD) (United States) 15 SEP 2003, 102/6 (2099-2107)
 CODEN: BLOOA ISSN: 0006-4971
 DOCUMENT TYPE: Journal ; Article
 LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
 NUMBER OF REFERENCES: 54

The G-protein-coupled receptors of the endothelial differentiation gene (EDG) family mediate pro-angiogenic activities, such as endothelial cell proliferation, chemotaxis, and vessel morphogenesis. We synthesized and tested the effects of a 9-amino acid peptide (KRX-725), derived from the second intracellular loop of S1PSUB3 (EDG3). KRX-725 mimics the effects of sphingosine 1-phosphate (S1P), the natural ligand of S1P3, by triggering a GSUBi-dependent MEK-ERK (mitogen-activated protein kinase kinase and extracellular signal-regulated kinase) signal transduction pathway. Using aortic rings as an ex-vivo model of angiogenesis, vascular sprouting was assessed in the presence of KRX-725 or S1P. KRX-725 induced extensive and dense vascular sprouts, which contain an elaborated organization of endothelial and smooth muscle layers, including lumen formation. When KRX-725 or S1P was combined with pro-angiogenic factors, such as basic fibroblast growth factor (bFGF), stem cell factor, or vascular endothelial growth factor, the effect was synergistic, leading to further enhancement of vascular sprouting. KRX-725 also initiated neovascularization in a mouse corneal pocket assay in vivo and showed synergism with bFGF. The specificity of KRX-725 was demonstrated via peptide-induced receptor internalization of S1 P3 but not S1PSUB1. The ability of a short peptide to stimulate extensive angiogenesis and to synergize with pro-angiogenic factors suggests that KRX-725 may serve as a useful agent in treating pathologic conditions such as peripheral vascular disease, cardiac ischemia, or tissue grafts. (c) 2003 by The American Society of Hematology.

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COST

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15nov03 07:13:25 User268152 Session D31.2
    $1.01    0.316 DialUnits File155
        $0.21  1 Type(s) in Format  4 (UDF)
        $0.21  1 Types
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    $0.18    0.049 DialUnits File358
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    $0.35    0.085 DialUnits File35
$0.35 Estimated cost File35
    OneSearch, 6 files,  0.870 DialUnits FileOS
$1.62 INTERNET
$9.38 Estimated cost this search
$9.53 Estimated total session cost  1.097 DialUnits
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